

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022520\
 Data File : VN060225.D
 Acq On : 25 Feb 2020 11:49
 Operator : JC/MD
 Sample : PB127069TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127069TB

Quant Time: Feb 25 16:16:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

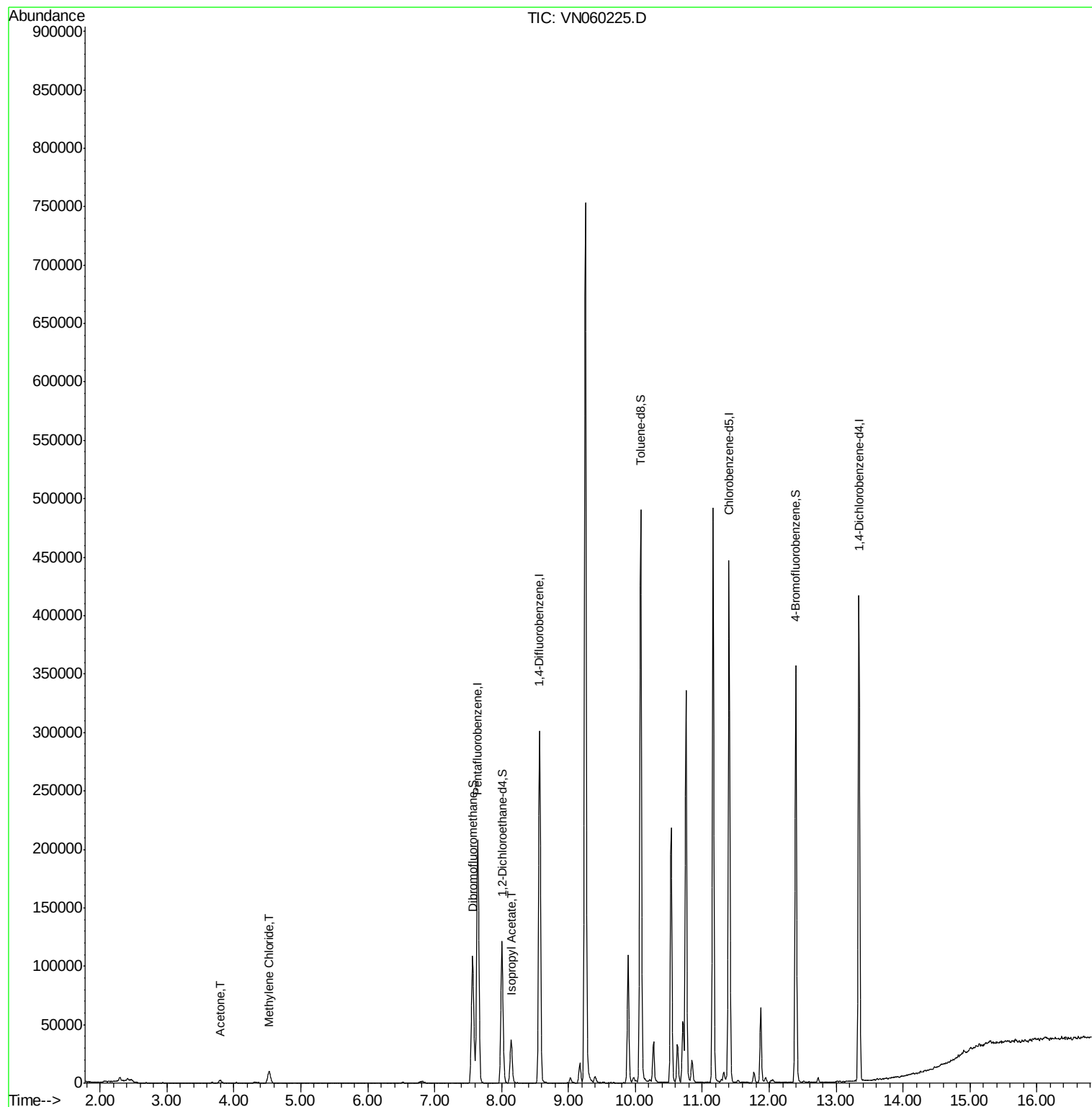
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	175761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	277029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	257761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	113136	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	103279	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
35) Dibromofluoromethane	7.57	113	82865	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
50) Toluene-d8	10.08	98	331718	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.40	95	119329	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
Target Compounds						
16) Acetone	3.79	43	4215	4.518	ug/l	91
20) Methylene Chloride	4.53	84	7982	4.289	ug/l	97
43) Isopropyl Acetate	8.14	43	43970	11.092	ug/l #	90

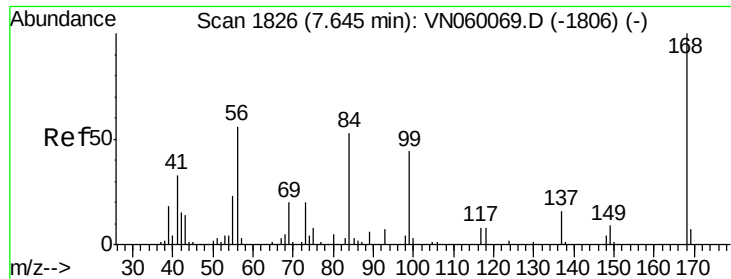
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022520\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060225.D

Acq: 25 Feb 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

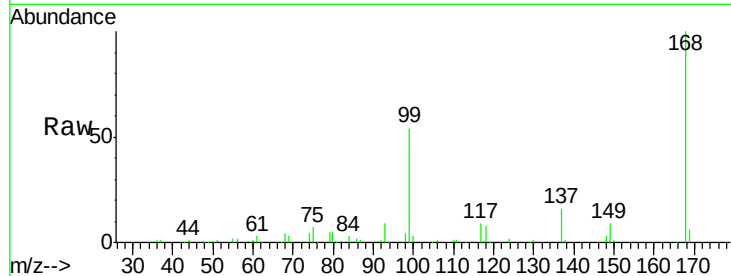
PB127069TB

Tot Ion:168 Resp: 175761

Ion Ratio Lower Upper

168 100

99 53.9 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

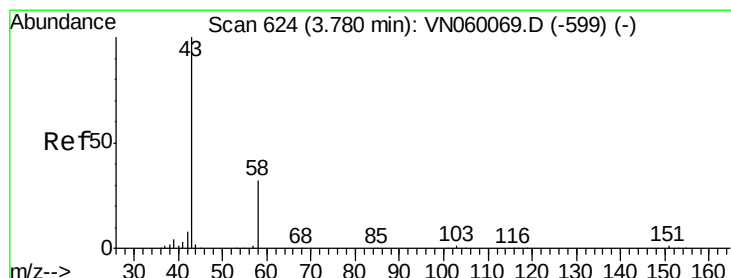
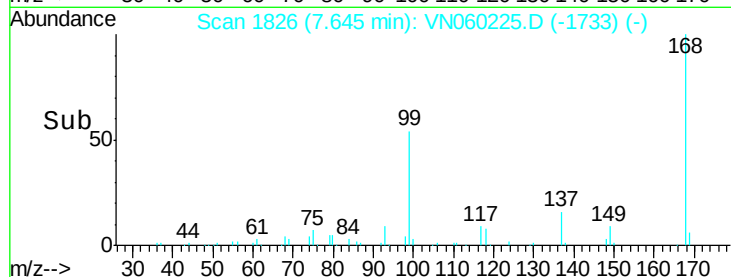
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 4.518 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN060225.D

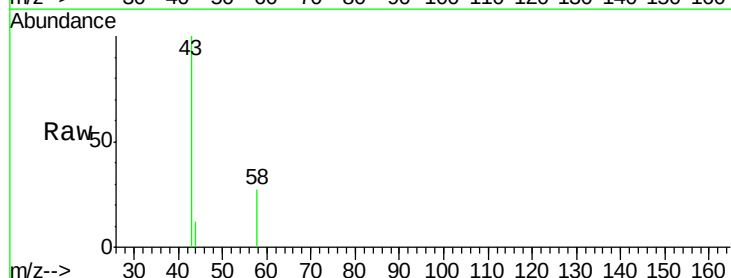
Acq: 25 Feb 2020 11:49

Tgt Ion: 43 Resp: 4215

Ion Ratio Lower Upper

43 100

58 26.5 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

1500

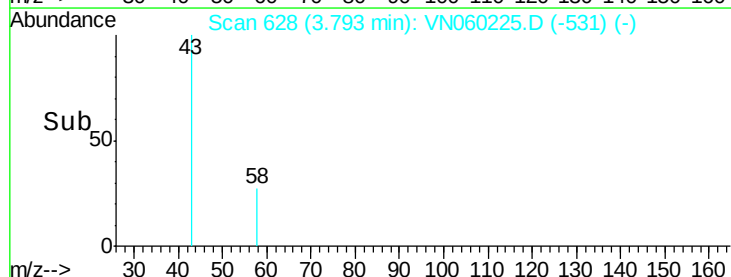
1000

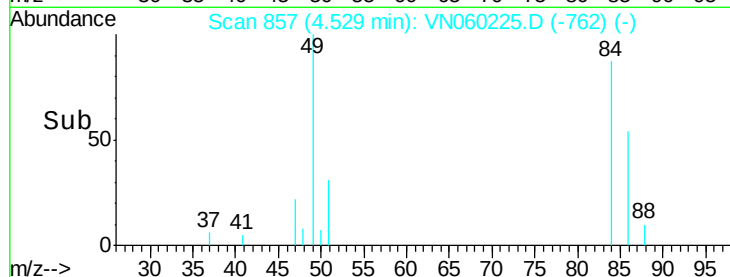
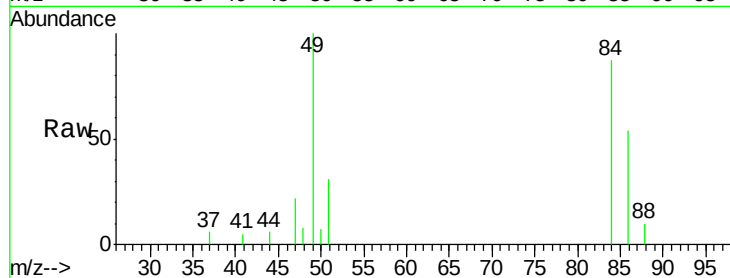
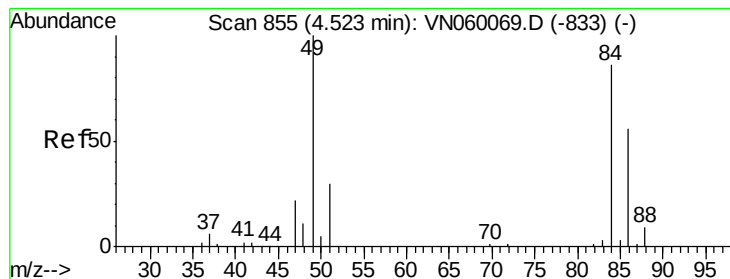
500

0

3.70 3.75 3.80 3.85 3.90

Time-->





#20

Methylene Chloride

Concen: 4.289 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN060225.D

Acq: 25 Feb 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

PB127069TB

Tot Ion: 84 Resp: 7982

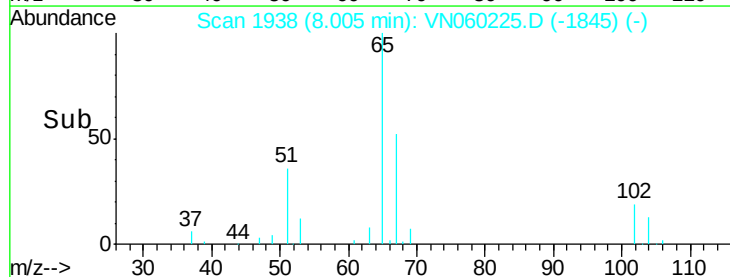
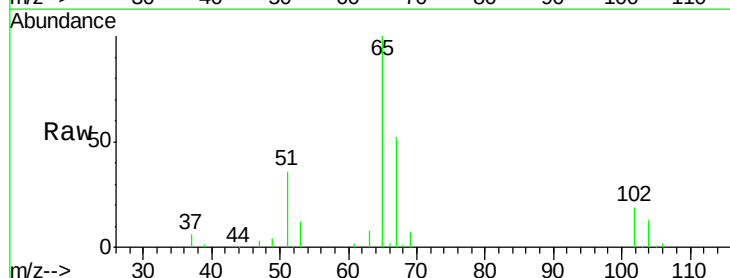
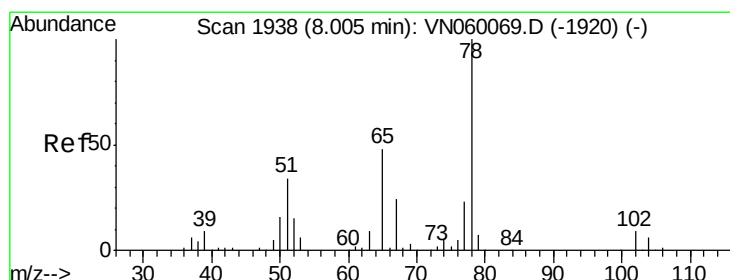
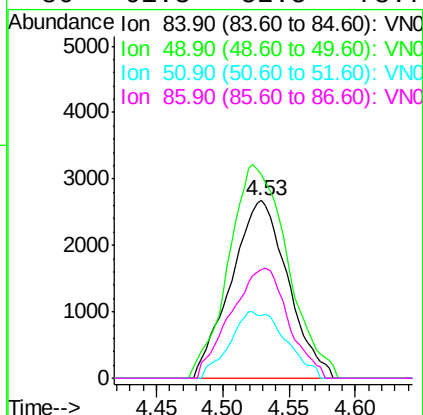
Ion Ratio Lower Upper

84 100

49 114.5 93.4 140.0

51 35.1 28.4 42.6

86 61.3 52.5 78.7



#33

1,2-Dichloroethane-d4

Concen: 48.290 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060225.D

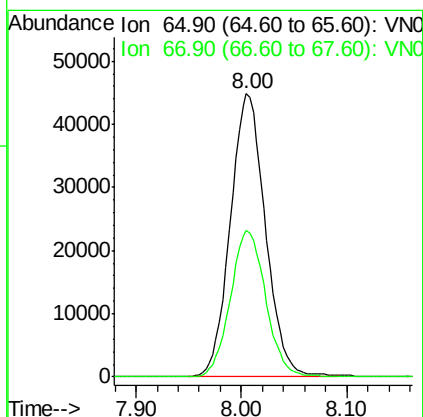
Acq: 25 Feb 2020 11:49

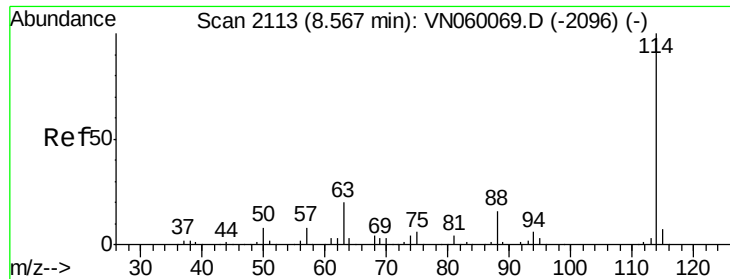
Tgt Ion: 65 Resp: 103279

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060225.D

Acq: 25 Feb 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

PB127069TB

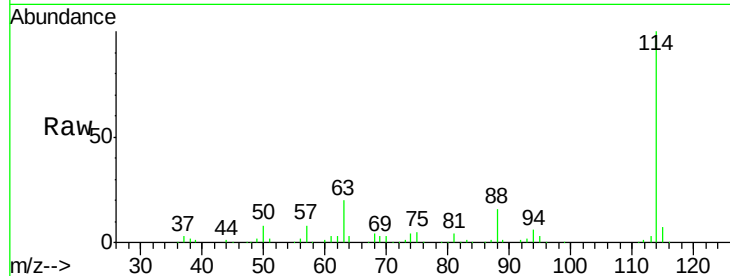
Tot Ion:114 Resp: 277029

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

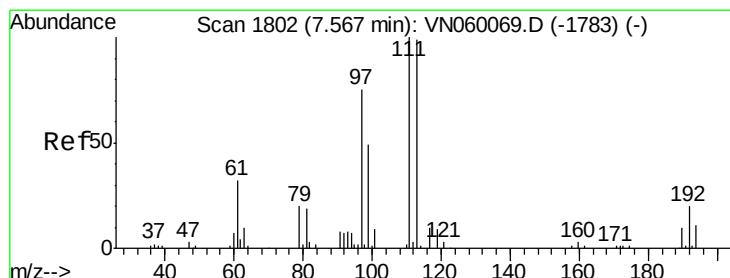
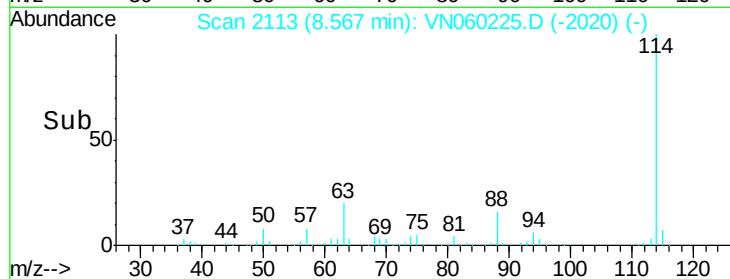
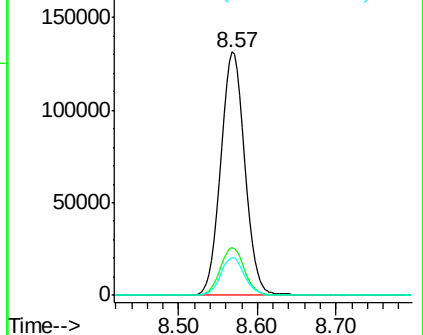
88 15.7 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.661 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060225.D

Acq: 25 Feb 2020 11:49

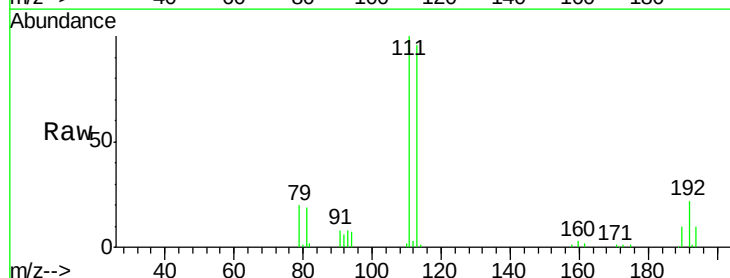
Tgt Ion:113 Resp: 82865

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.2

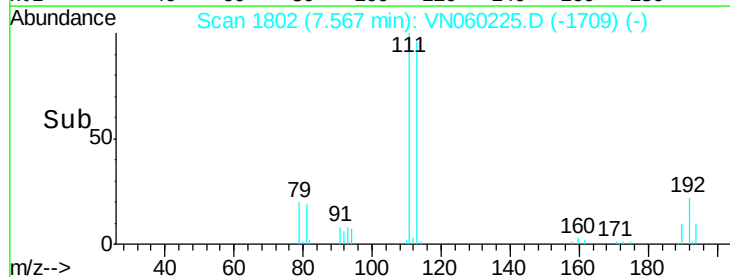
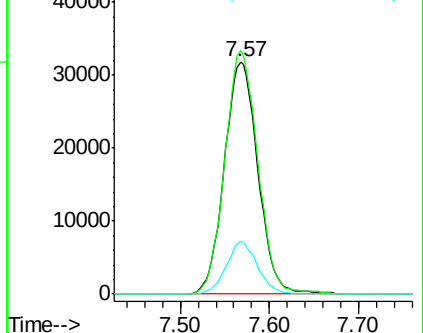
192 21.0 16.2 24.2

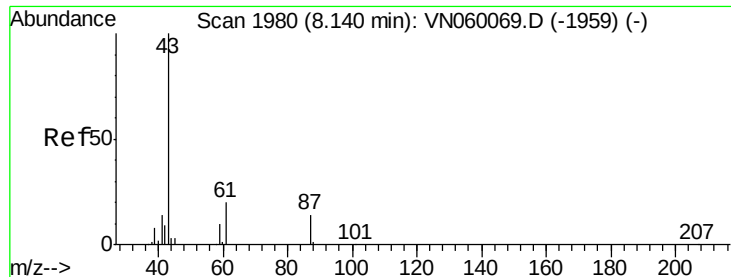


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.092 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060225.D

Acq: 25 Feb 2020 11:49

Instrument :

MSVOA_N

ClientSampled :

PB127069TB

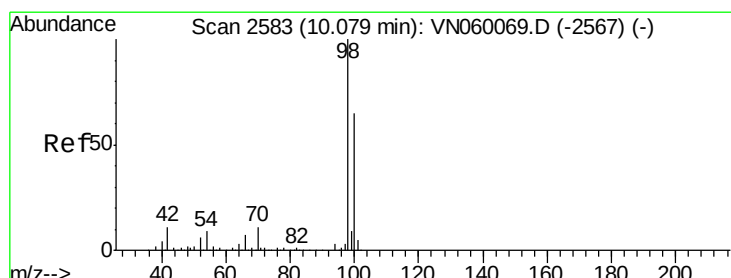
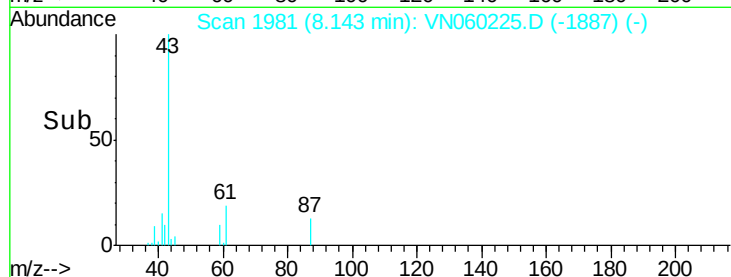
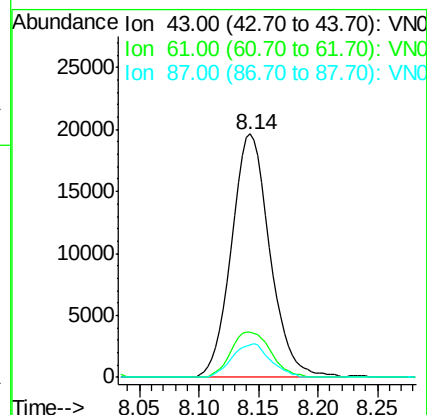
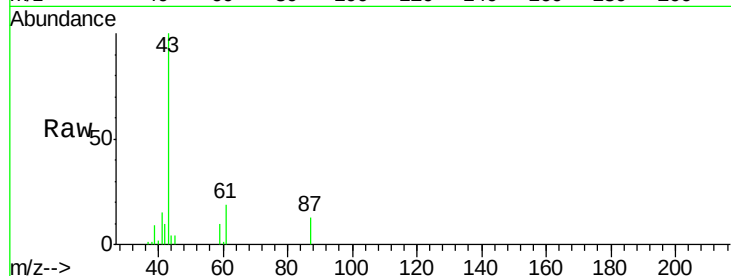
Tot Ion: 43 Resp: 43970

Ion Ratio Lower Upper

43 100

61 19.4 21.8 32.6#

87 13.7 11.4 17.2



#50

Toluene-d8

Concen: 49.466 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060225.D

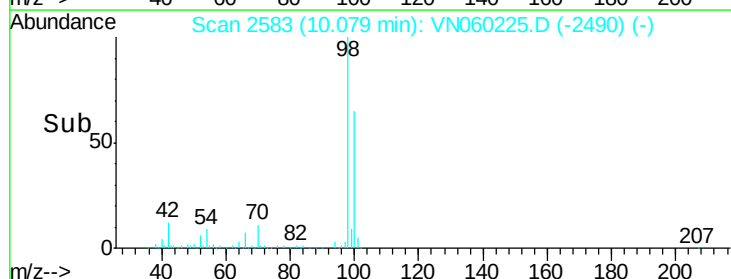
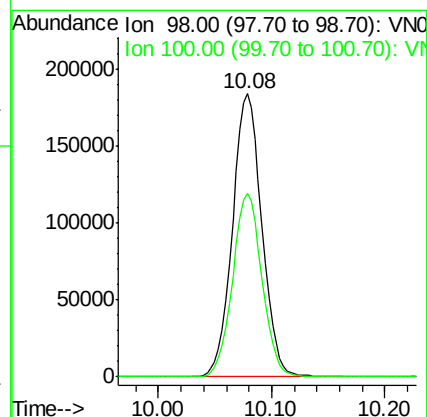
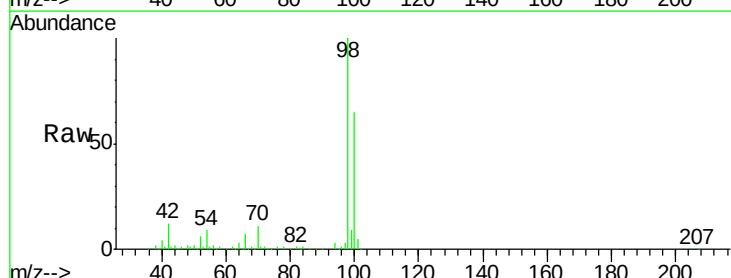
Acq: 25 Feb 2020 11:49

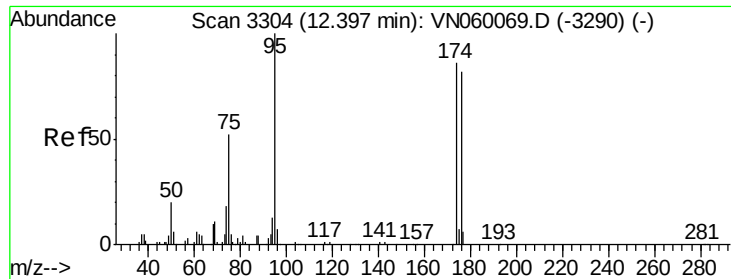
Tgt Ion: 98 Resp: 331718

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5

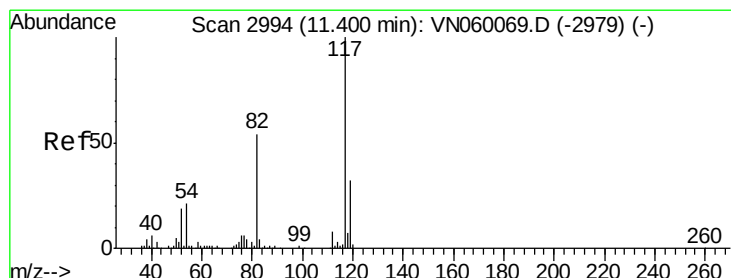
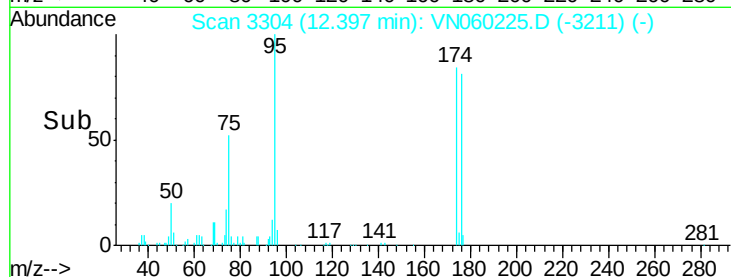
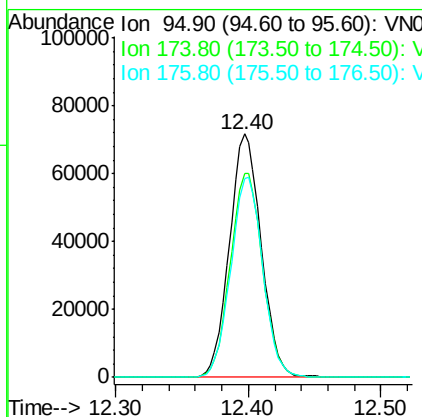
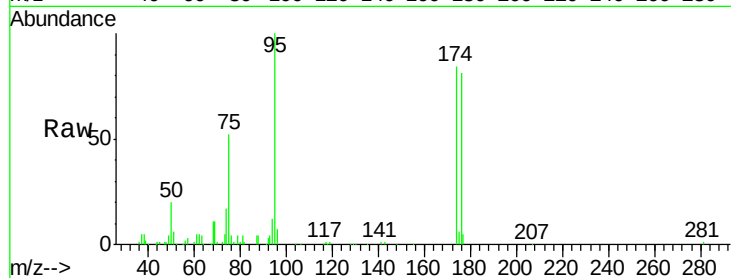




#62
4-Bromofluorobenzene
Concen: 48.427 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060225.D
Acq: 25 Feb 2020 11:49

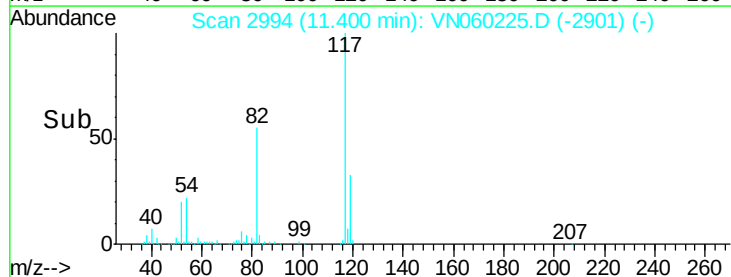
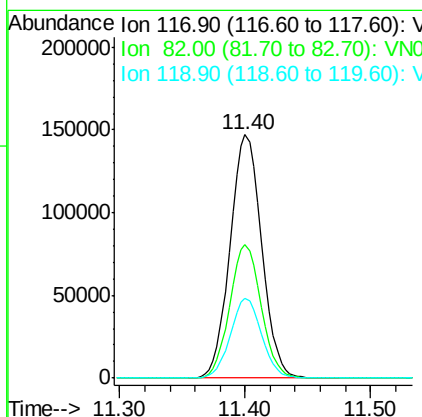
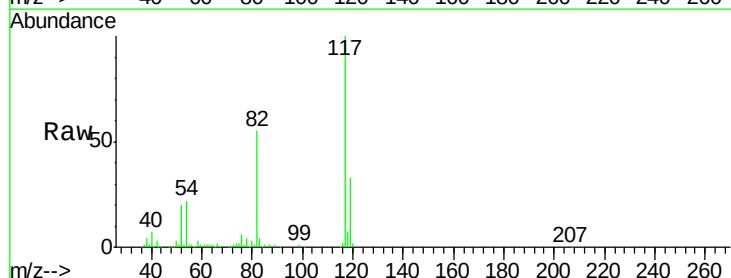
Instrument :
MSVOA_N
ClientSampleId :
PB127069TB

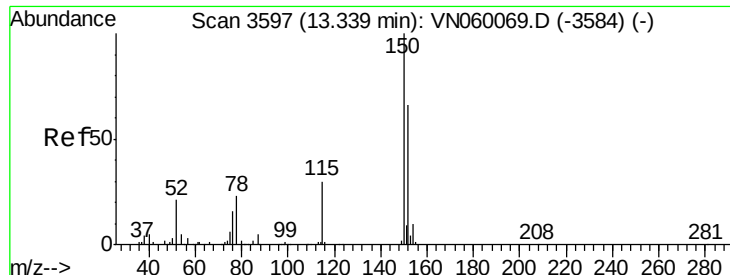
Tot Ion: 95 Resp: 119329
Ion Ratio Lower Upper
95 100
174 85.1 0.0 169.8
176 82.5 0.0 164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060225.D
Acq: 25 Feb 2020 11:49

Tgt Ion: 117 Resp: 257761
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 33.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060225.D

Acq: 25 Feb 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

PB127069TB

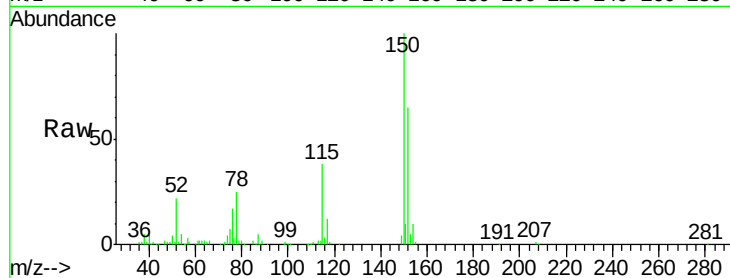
Tot Ion:152 Resp: 113136

Ion Ratio Lower Upper

152 100

115 59.0 28.9 86.8

150 156.8 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

